

Figure 1

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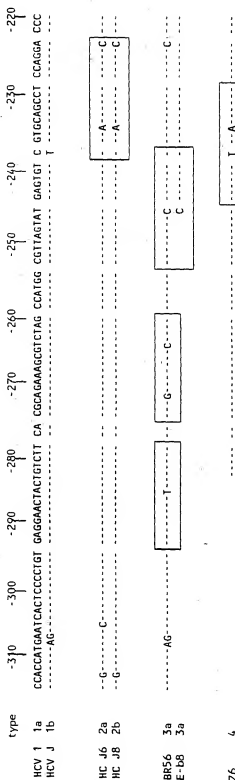


Figure 2

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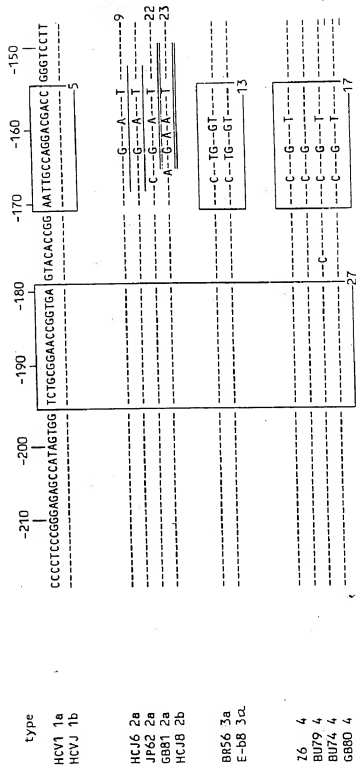
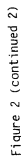


Figure 2 (continued 1)

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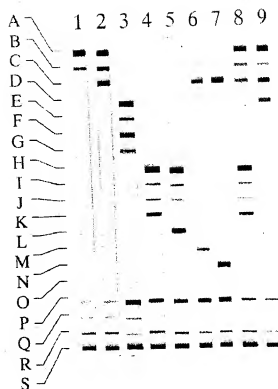


Figure 3

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Figure 4-1

Iso- late	Type	-240	-230	-220	-180	-170	-160	-150	-140	Accession number ref.
HC-V-1	1a	GAGTGTGTGACCTCCAGGACCC*AGTACACGGGAATGCCAGGACGCGGTCTTTTC..TTGGATC..AA								1
HC-V-J	1b	---	---	---	---	---	---	---	---	2
BE82	1b	---	---	---	---	---	---	---	---	3
BE90	1b	---	---	---	---	---	---	---	---	4
HC-J6	2a	---	---	---	---	---	---	---	---	5
HC-J8	2b	---	---	---	---	---	---	---	---	6
BE91	2b	---	---	---	---	---	---	---	---	7
BE92	2c	---	---	---	---	---	---	---	---	8
BE96	3a	---	---	---	---	---	---	---	---	9
BE93	3a	---	---	---	---	---	---	---	---	10
BE94	3a	---	---	---	---	---	---	---	---	11
HC-V-TR	3b	---	---	---	---	---	---	---	---	12
BE98	3c	---	---	---	---	---	---	---	---	13

SEQ ID NO 61  
SEQ ID NO 62

SEQ ID NO 63

SEQ ID NO 64

SEQ ID NO 65  
SEQ ID NO 66

SEQ ID NO 80

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Figure 4-1 (continued 1)

Iso- late	Type	Accession number									
		-240	-230	-220	-180	-170	-160	-150	-140	ref.	
GB48	4a	T-A	T				C-G-T				SEQ ID NO 67
GB116	4a	T-A					C-G-T				SEQ ID NO 68
GB569	4a	T-A					C-G-T				SEQ ID NO 69
GB358	4a	T-A					C-G-T				SEQ ID NO 70
			37					38			
Z1	4b	T-A					C-G-T				
CAM600	4c	T-A					C-GA-T				SEQ ID NO 72
CAM736	4c	T-A					C-GA-T				SEQ ID NO 73
GB809	4c	T-A					C-GA-T				SEQ ID NO 74
Z4	4c	T-A					C				
DK13	4d	T-A					C-G-T				
GB549	4e	T					C-G				SEQ ID NO 71
			39					40			
GB438	4f	A					C-G-T				SEQ ID NO 81
GB724	4g	A					C				SEQ ID NO 76
BS97	4g	T-A					C				SEQ ID NO 77
			51					52			
								53			
GB487	4h	T-A					C-T				SEQ ID NO 75
								49			

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SEQ ID NO 78  
SEQ ID NO 79

Figure 4-1 (continued 2)

Iso- lase	Type	Accession number									
		-240	-230	-220	-180	-170	-160	-150	-140	Ref.	
Sal	5a	AA	AA	AA	AA	AA	AA	AA	AA	7	
BE95	5a	AA	AA	AA	AA	AA	AA	AA	AA	T	
BE96	5a	AA	AA	AA	AA	AA	AA	AA	AA	44	45
											47
HK1	6a	AA	AA	AA	AA	AA	AA	AA	AA	8	
HK2	6?	AA	AA	AA	AA	AA	AA	AA	AA	48	

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Figure 4-2

Isolate	Type	-130	-120	-110	-100	-90	-80	-70	Accession number ref.
HCV-1	1a	CCCGCTCATGCTGAGATT	TTGGGGTG	CCCCCGAGGCTCTAG	CCGAGTAGTG	TTGGGTCCGA			1
				31					
HCV-J	1b	-----G-----							2
B882	1b	-----G-----							
BE90	1b	-----G-----							
			29			30			
HC-J6	2a	--A--T--C--TC--					-C--T--		3
HC-J8	2b	--A--T--T-C--TC--		AC--			-C--T--		4
BE91	2b	--A--T--T-C--TC--				T--C--T--			
BE92	2c	--A--T--TC--		34			-C--T--		
BE95	3a	-----A-CA-A--							5
BE93	3a	-----A-CA-C--							
BE94	3a	-----A-CA-C--							
			35						
						36			
HCV-TR	3b	-----T--C--A--					-G--TCA--		6

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Figure 4-2 (continued)

Isolate	Type	-130	-120	-110	-100	-90	-80	-70	Accession number reference
GB48	4a	↑	↑	↑	↑	↑	↑	↑	
GB116	4a	-----C--A--	-----C--A--	-----C--A--	-----C--A--	-----C--A--	-----C--A--	-----C--A--	
GB569	4a	-----C--A--	-----C--A--	-----C--A--	-----C--A--	-----C--A--	-----C--A--	-----C--A--	
GB358	4a	-----C--A--	-----C--A--	-----C--A--	-----C--A--	-----C--A--	-----C--A--	-----C--A--	
GB549	4c	-----C--CA--	-----C--CA--	-----C--CA--	-----C--CA--	-----C--CA--	-----C--CA--	-----C--CA--	
GB600	4c	-----TC--A--	-----TC--A--	-----TC--A--	-----TC--A--	-----TC--A--	-----TC--A--	-----TC--A--	
GB736	4c	-----TC--A--	-----TC--A--	-----TC--A--	-----TC--A--	-----TC--A--	-----TC--A--	-----TC--A--	
GB809	4c	-----TC--A--	-----TC--A--	-----TC--A--	-----TC--A--	-----TC--A--	-----TC--A--	-----TC--A--	
GB487	4h	-----A--	-----A--	-----A--	-----A--	-----A--	-----A--	-----A--	
GB724	4g	-----A--	-----A--	-----A--	-----A--	-----A--	-----A--	-----A--	
BE97	4g	-----A--	-----A--	-----A--	-----A--	-----A--	-----A--	-----A--	
SA1	5a	-----C--	-----C--	-----C--	-----C--	-----C--	-----C--	-----C--	7
BE96	5a	-----C--	-----C--	-----C--	-----C--	-----C--	-----C--	-----C--	
BE95	5a	-----C--	-----C--	-----C--	-----C--	-----C--	-----C--	-----C--	
HK1	6a	-----	-----	-----	-----	-----	-----	-----	8
BE98	3c	-----C--A--	-----C--A--	-----C--A--	-----C--A--	-----C--A--	-----C--A--	-----C--A--	
GB438	4f	-----C--A--	-----C--A--	-----C--A--	-----C--A--	-----C--A--	-----C--A--	-----C--A--	

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HCV-1  
HC-J1  
HCV-H  
HCV-I

HCV-1

HCV-H

How I

ГЛАВА 1

ХГ-АЭН

HCV-CHINA

HCV-T

MC-17 01

ML-74.

HCV-1A

HCV-JT

ЖСЧ-ВК

REFON

100

96-715

87-24

163E

9F92

11

— 1

1

5638

61

110

870

040

91187

58215

19358

6758

0064  
0065

6088

5631

CHR18

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Figure 5 (continued)

SEQ ID NO

101	SAGVEDAASLR	
HCV-1	-----	
HC-J1	-----	
HCV-H	-----	
HCV-J	-----	
HCV-JK1	-----	
HCV-CHINA	-----	
HCV-T	-----	
HC-J4,91	-----	
HCV-TA	-----	
HCV-JT	-----	
HCV-BK	-----	
BE90	-----	
HC-J6	-----	
HC-J8	-----	
BE91	-----	
BE92	-----	
T1	-----	
T7	-----	
BE93	-----	
T9	-----	
T10	-----	
GB48	-----	
GB116	-----	
GB215	-----	
GB358	-----	
GB549	-----	
GB609	-----	
BE95	-----	
CHR18	-----	

82  
83  
84  
85  
86  
87  
88  
89  
90  
91  
92

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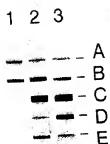


Figure 6

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1 2 3



Figure 7

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Figure 8

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1 2

— A  
— B

44 — — C

45 — — D

46 — — E

31 — — F

7 — — G

Figure 9



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1 2

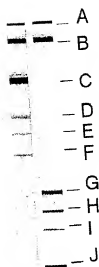


Figure 10